

WHAT IS CLAIMED IS:

1. An ingredient information management apparatus comprising:

a means for receiving the menu discrimination information input through member terminals;

a menu storage means for storing discrimination information and amounts of ingredients corresponding to the discrimination information for every menu;

an ingredient amount searching means for searching out the ingredients and the amounts thereof, from the menu storage means, corresponding to said menu discrimination information;

a sale unit storage means for storing a sale unit for every ingredient;

a sale unit searching means for searching out a sale unit, from the sale unit storage means, corresponding to an ingredient searched out by the ingredient amount searching means;

a comparing means for comparing the amount of said ingredient searched out by the ingredient amount searching means with the sale unit searched by the sale unit searching means; and

a menu information searching means for searching out the menu information, from the menu storage means, including said ingredient in case that said amount of said ingredient is less than said sale unit as a result of the comparison by the comparing means.

2. An ingredient information management method comprising:

a step of receiving the menu discrimination information input through a member terminal;

an ingredient amount searching step of searching out the ingredients and the amounts thereof, from a menu storage means for storing discrimination

information and amounts of ingredients corresponding to the discrimination information for every menu, corresponding to said menu discrimination information;

a sale unit searching step of searching out, from a sale unit storage means for storing a sale unit for every ingredient, a sale unit corresponding to the ingredient searched at the ingredient amount searching step;

a comparing step of comparing the amount of said ingredient searched at the ingredient amount searching step with the sale unit searched at the sale unit searching step; and

a menu information searching step of searching out the menu information, from the menu storage means, including said ingredient in case that the amount of said ingredient is less than said sale unit as a result of the comparison at the comparing step.

3. A program allowing a computer to execute:

a step of receiving the menu discrimination information input through a member terminal;

an ingredient amount searching step of searching out the ingredients and the amounts thereof, from a menu storage means for storing discrimination information and amounts of ingredients corresponding to the discrimination information for every menu, corresponding to said menu discrimination information;

a sale unit searching step of searching out, from a sale unit storage means for storing a sale unit for every ingredient, a sale unit corresponding to the ingredient searched at the ingredient amount searching step;

a comparing step of comparing the amount of said ingredient searched at the ingredient amount searching step with the sale unit searched at the sale unit searching step; and

a menu information searching step of

searching out the menu information, from the menu storage means, including said ingredient in case that the amount of said ingredient is less than said sale unit as a result of the comparison at the comparing step.

4. A computer readable storage medium which stores a program allowing a computer to execute:

a step of receiving the menu discrimination information input through a member terminal;

an ingredient amount searching step of searching out the ingredients and the amounts thereof, from a menu storage means for storing discrimination information and amounts of ingredients corresponding to the discrimination information for every menu, corresponding to said menu discrimination information;

a sale unit searching step of searching out, from a sale unit storage means for storing a sale unit for every ingredient, a sale unit corresponding to the ingredient searched at the ingredient amount searching step;

a comparing step of comparing the amount of said ingredient searched at the ingredient amount searching step with the sale unit searched at the sale unit searching step; and

a menu information searching step of searching out the menu information, from the menu storage means, including said ingredient in case that the amount of said ingredient is less than said sale unit as a result of the comparison at the comparing step.

5. A expected sales computing apparatus comprising:

a successful sale coefficient storage means for storing the successful sale coefficients representing the probability of purchasing the ingredients of a first menu and the successful sale coefficient representing the probability of purchasing the ingredients of a second menu inquired in relation to

the first menu;

a means for computing the expected sales of the ingredients of the first menu based on the ingredients of the first menu, the number of the distributions of the first menu, and the successful sale coefficient of the first menu searched out, from a successful sale coefficient storage means; and

a means for computing the expected sales of the ingredients of the second menu based on the ingredients of the second menu, number of the inquiries of the second menu, and the successful sale coefficient of the second menu searched out, from the successful sale coefficient storage means.

6. A expected sales computing method comprising:

a step of computing the expected sales of the ingredients of a first menu based on the ingredients of the first menu, the number of the distributions of the first menu, and the successful sale coefficients of the first menu searched out, from a successful sale coefficient storage means for storing the successful sale coefficients representing the probabilities of purchasing the ingredients of the first menu; and

a step of computing the expected sales of the ingredients of a second menu based on the ingredients of the second menu inquired in relation to the first menu, number of the inquiry of the second menu, and the successful sale coefficient of the second menu searched out, from a successful sale coefficient storage means for storing the successful sale coefficients representing the probability of purchasing the ingredients of the second menu.

7. A program allowing a computer to execute:

a step of computing the expected sales of the ingredients of a first menu based on the ingredients of the first menu, the number of the distributions of the first menu, and the successful sale coefficients of the first menu searched out, from a successful sale

coefficient storage means for storing the successful sale coefficients representing the probabilities of purchasing the ingredient for the first menu; and

a step of computing the expected sales of the ingredient for the second menu based on the ingredients of a second menu inquired in relation to the first menu, number of the inquiries of the second menu, and the successful sale coefficient of the second menu searched out, from a successful sale coefficient storage means for storing the successful sale coefficients representing the probability of purchasing the ingredients of the second menu.

8. A computer readable storage medium which stores a program allowing a computer to execute:

a step of computing the expected sales of the ingredients of a first menu based on the ingredients for the first menu, the number of the distributions of the first menu, and the successful sale coefficients of the first menu searched out, from a successful sale coefficient storage means for storing the successful sale coefficients representing the probabilities of purchasing the ingredients of the first menu; and

a step of computing the expected sales of the ingredients of the second menu based on the ingredients for a second menu inquired in relation to the first menu, number of the inquiries of the second menu, and the successful sale coefficients of the second menu searched out, from a successful sale coefficient storage means for storing the successful sale coefficients representing the probability of purchasing the ingredients for the second menu.

9. An ingredient information management apparatus comprising:

a means for transmitting the ingredients of a first menu and the number of the distributions of the first menu to a user terminal, and

a means for transmitting the ingredients

of a second menu inquired in relation to the first menu and the number of the inquiries of the second menu to a user terminal.

10. An ingredient information management method comprising:

a step of transmitting the ingredients of a first menu and the number of the distributions of the first menu to a user terminal, and

a step of transmitting the ingredients of a second menu inquired in relation to the first menu and the number of the inquiries of the second menu to a user terminal.

11. A program allowing a computer to execute:

a step of transmitting the ingredients of a first menu and the number of the distributions of the first menu to a user terminal, and

a step of transmitting the ingredients of a second menu inquired in relation to the first menu and the number of the inquiries of the second menu to a user terminal.

12. A computer readable storage medium for storing a program allowing a computer to execute:

a step of transmitting the ingredients of a first menu and the number of the distributions of the first menu to a user terminal, and

a step of transmitting the ingredients of a second menu inquired in relation to the first menu and the number of the inquiries of the second menu to a user terminal.